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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re: U.S. Patent Application of Alan F. GRAVES et al.  
App. No.: 09/735,537 Art Unit: 2633  
Filed: December 14, 2000 Examiner: PAYNE, David C.  
For: CONNECTION VERIFICATION FOR OPTICAL SWITCHES

REPLY TO OFFICIAL ACTION UNDER 37 CFR 1.111

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

RECEIVED

JUL 14 2004

Technology Center 2600

Sir/Madam:

In response to the Office Action mailed March 11, 2004, please amend the above-identified application as follows and re-examine the application in view of the amendments and remarks provided. Please note that the present paper is being filed with a petition for extension of time of one (1) month under 37 CFR 1.136(a).

**Amendments to the Drawings** begin on page 2 of this paper and include attached replacement sheets.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Remarks/Arguments** begin on page 27 of this paper.

An **Appendix** including amended drawing figures is attached following page 42 of this paper.